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(54) Feedback of control information for multiple carriers

(57) Techniques for sending control information relating to multiple downlink carriers and data on a single uplink carrier are described. A user equipment (UE) may be scheduled to transmit on a designated uplink carrier. The UE can multiplex control information for multiple downlink carriers with data for transmission on the uplink carrier in a same subframe. Multiplexing may be performed according to a type of the control information and/or an ordering, priority, or association of the downlink carriers. The UE can selectively encode the control information separately for each downlink carrier and/or jointly across downlink carriers. The control information may be mapped to a single layer or multiple layers of a data channel. The UE may send the multiplexed control information and data on the data channel in the subframe while maintaining a single-carrier waveform.

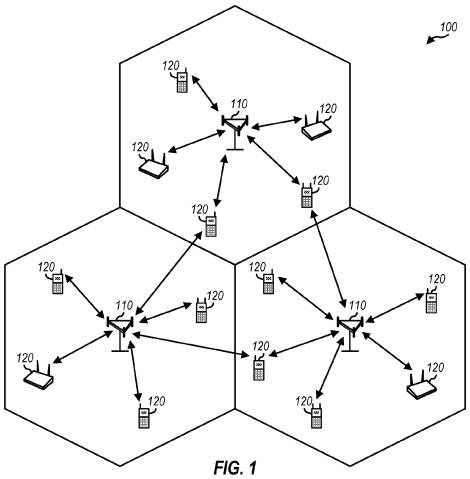


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 14 17 3048

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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	29 August 2014	Meurisse, Wim

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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